

**IN THE ABSTRACT:**

Please replace the abstract with the following:

**ABSTRACT:**

~~———A separator having a rotatable drum (2) with a vertical axis of rotation (M), in which preferably a disk stack (7) is arranged, having a piston slide (13) for opening and closing solids discharge openings (14) in the drum (2), in the open condition of the piston slide (13), a radial gap (19) being formed between the drum, particularly between a drum top part (15), and the piston slide (13), is characterized in that at least one annular chamber (22) is constructed on both sides of the gap (19) radially in front of the solids discharge openings in the outer circumference area of the piston slide (13) and the drum, particularly in the top part (15) of the drum.~~

~~———Figure 2~~

**ABSTRACT OF THE DISCLOSURE**

A separator including a rotatable drum having a drum top part, a vertical axis of rotation and a disk stack arranged therein. Also included is a piston slide for opening and closing solids discharge openings in the drum. A radial gap is formed between the drum top part and the piston slide in an open condition of the piston slide.